116001

FILE COPY

Date Out EFB:

01 AUG 1983

To: Robert Taylor
Product Manager 25
Registration Division (TS-767)

From: Richard V. Moraski, Ph.D., (Acting) Head
Review Section No. 1
EXposure Assessment Branch
Hazard Evaluation Division (TS-769)

Attached please find the environmental fate review of:

Reg./File No.: 464-569

Chemical: Ticlopyr

Type Product: Herbicide

Product Name: GARLAN 3A

Company Name: Dow Chemical

Submission Purpose: Review fish accumulation protocol

ZBB Code: other

ACTION CODE: 450

Date In: 7/28/83

EFB # 3469

Date Completed: 01 AUG 1983

TAIS (level II)	Days
67	0.5

Deferrals To:

_____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

1. INTRODUCTION

1.1 Dow Chemical has submitted a protocol for a static, bluegill bioaccumulation study with the herbicide triclopyr. EAB files do not mention this study as a data gap; however, this study could have been required by another branch. EAB comments on the protocol (attached) are as follows:

•• Specify the carrier solvent to be used in dosing the aquarium water

•• Since Dow has previously provided EAB with a static, catfish bioaccumulation study using triclopyr (refer to the December 2, 1975 review), it is recommended that this bluegill study be a flow-through study where a constant concentration of triclopyr is maintained in the aquarium water.

•• The exposure period should be for 30 days and not only for 96 hours as proposed. Refer to the October 1982 Subdivision N Guidelines (Environmental Fate) for recommended fish and water sampling times.

•• Non-chemistry aspects of this protocol pertaining to fish biology and fish health (such as loading in grams of fish per liter of aquarium water, fish acclimation and the need for aeration of the aquaria) should be referred to EEB.

Samuel M. Creeger
August 1, 1983
Section #1/EAB
Hazard Evaluation Division

EPA Registration Number 464-~~EUP-87~~-569

Protocol for a static, bluegill bioaccumulation study

Page _____ is not included in this copy of the registration file for the product.

Pages 3 through 8 are not included in this copy of the registration file for the product.

The material not included contains the following type of information:

___ Identity of product inert ingredients

___ Identity of product impurities

___ Description of the product manufacturing process

___ Description of product quality control procedures

___ Identity of the source of product ingredients

X Sales or other commerical/financial information

___ A draft product label

___ The product confidential statement of formula

___ Information about a pending registration action

___ FIFRA registration data (*)

The information not included generally is considered confidential by product registrants. If you wish to obtain the information deleted, please contact the individual who prepared this response to your request.

(*) FIFRA registration data can be released to individuals who submit an Affirmation of Non-Multinational Status.